



ENGINEERING & CAPITAL IMPROVEMENTS DIVISION

CAPITAL IMPROVEMENTS SECTION

Monthly Capital Projects Report
March 2021

J.W. Powell Specific Plan Study (PLANNING PHASE)

FUND: GENERAL GOVERNMENT & TRANSPORTATION TAX

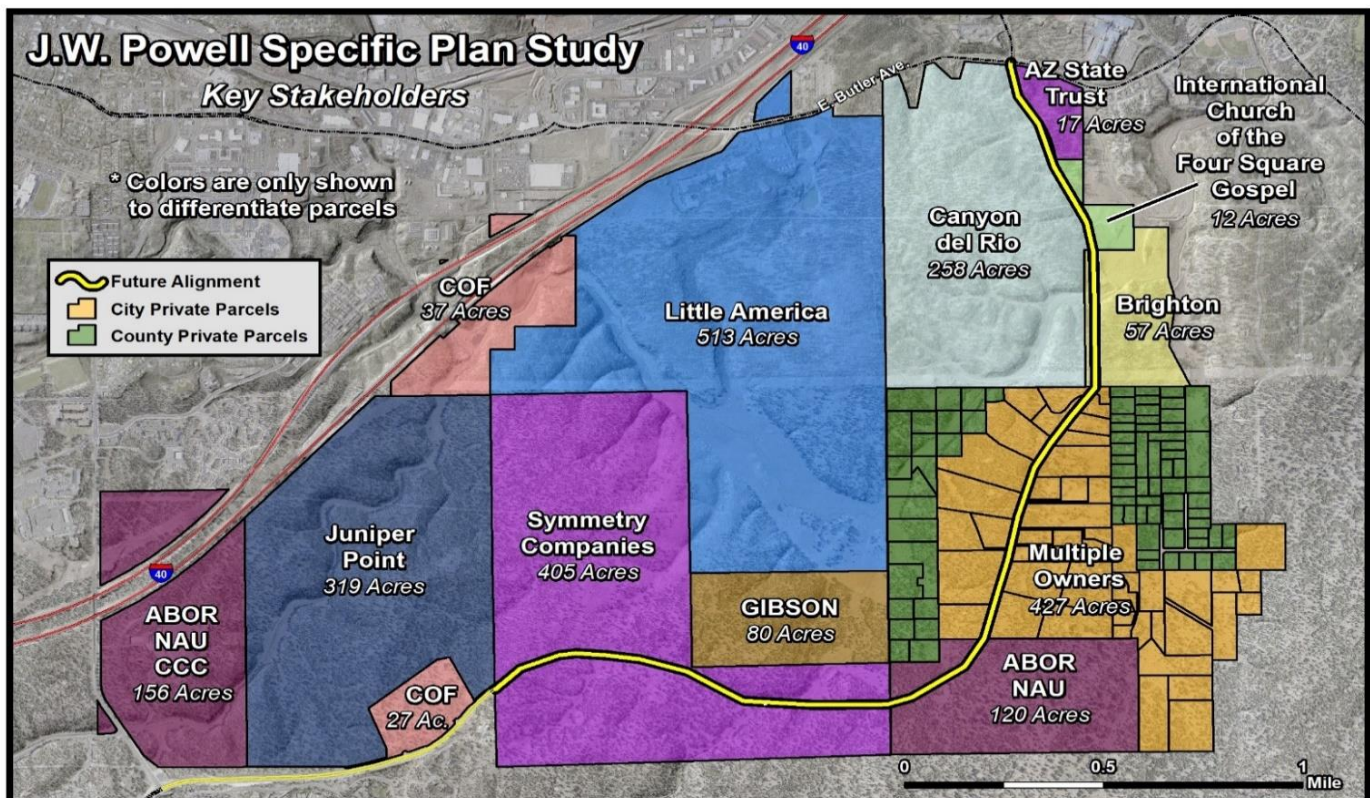
Project Website



Description – The purpose of the John Wesley Powell Specific Plan Study (Study) is to develop a specific plan to guide the future private development of public infrastructure, utilities and facilities. Phase 1 of the project is the conceptual design of the future public infrastructure (roads), public utilities and facilities location analysis. The conceptual design is required to meet the full City infrastructure standards including street improvements, potable water, sanitary sewer mains, storm drain systems, street lighting and associated appurtenances. Phase 1 of the Study includes a sanitary sewer system master plan for the area. A water system master plan was previously developed for the area. Phase 2 of the Study is development of the planning elements necessary to gain City Council approval of a Specific Plan.

Project Update:

- Scheduled, virtual, one-on-one follow up meetings with small-parcel property owners, those shown by the orange and green areas on graphic below, conclude this week (first week of March).
- Starting in late-March, virtual, one-on-one meetings with the eight or so, larger-parcel, property owners will commence.
- Recording and project resources are available at <https://www.flagstaff.az.gov/jwpspecificplan> or by scanning the QR code shown above.
- Phase 1 should conclude in summer 2021 with Phase 2 (effort by Planning Team) starting thereafter.



Proposed alignment of new J.W. Powell Boulevard. and Fourth Street; denoted by yellow line

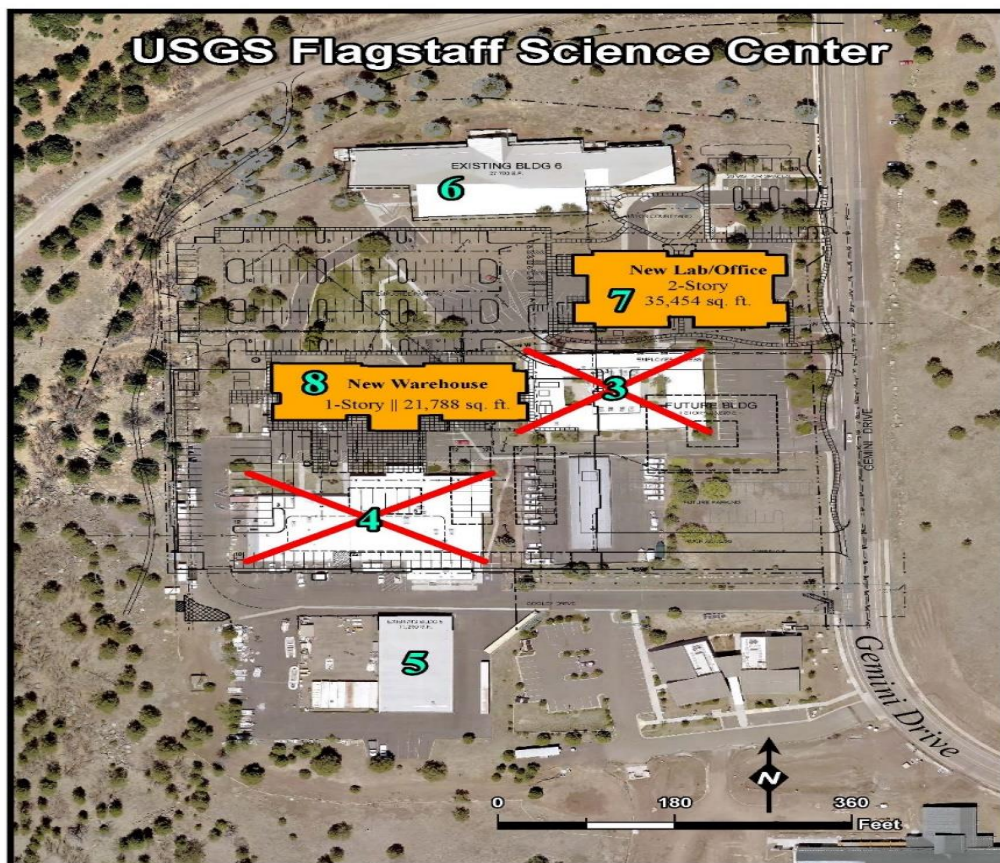
USGS Flagstaff Science Center Campus - Build to Suit (DESIGN PHASE)

FUND: GENERAL GOVERNMENT

Description – This project will bring new improvements to the USGS Flagstaff Science Campus, located just south of Buffalo Park. There will be two existing buildings demolished (buildings 3 and 4), and two new buildings constructed (buildings 7 and 8). One of the new buildings will be a new lab and office facility while the second building will be a new warehouse. These two new buildings will require a minimum certification from the U.S. Green Building Council's Leadership in Energy and Environmental Design (USGBC) of "Green Building Rating System" of "LEED™ Silver for New Construction (NC)."

Project Update:

- City Staff is reviewing the draft Request for Statement of Qualifications (RSOQs) to procure a design-build contractor.
- RSOQ will need to be reviewed by U.S. General Services Administration (GSA) before being advertised.
- Upon completed review by City Staff and GSA, the RSOQ will be advertised for approximately 3 to 4 weeks.
- A design-build contractor will be selected, by a RSOQ committee, from the pool of responsive and responsible candidates who submit Statements of Qualifications.



*USGS Flagstaff Science Center Campus.
Buildings to be constructed are shown in orange.
Buildings 3 and 4 (shown with red a X) will be demolished.*

City of Flagstaff Municipal Court (CONSTRUCTION PHASE)

FUND: GENERAL GOVERNMENT

Description – The City of Flagstaff Municipal Court Project is a 40,000 SF facility that will provide full user services to the City Court, the City Prosecutor’s Office, and the public. It is located two blocks north of the previous Court facility, at 101 W. Cherry. Amenities include: four court rooms, one hearing room, administrative staff offices for the Court and Prosecution, in-custody detention and processing, and customer service facilities

Project Update:

- KCS continues to work to complete punch list items.
- Demolition of the old Court and Prosecutor’s buildings is contingent upon franchise utility relocations. City Legal staff is coordinating with the franchise utility on the relocation requirement.



Flagstaff Municipal Court Facility, looking at the main entrance – northeast corner

La Plaza Vieja Traffic Calming (DESIGN PHASE)

FUND: TRANSPORTATION TAX (SAFETY) & HOUSING [CDBG] ALLOCATION

Description – The project is assisting the neighborhood by improving pedestrian safety of crosswalks, sidewalks, bike lanes and storm drainage at the Kingman Street and Florence Street/Malpais Lane intersections along Clay Avenue.

Project Update:

- Capital Improvements is assisting Comprehensive Planning.
- The design consultant has submitted the final design level plans and specifications for City review.
- Construction is planned for spring-summer of 2021 pending identification of adequate funding needed to complete the project as currently scoped.



Conceptual Plan of Proposed Improvements

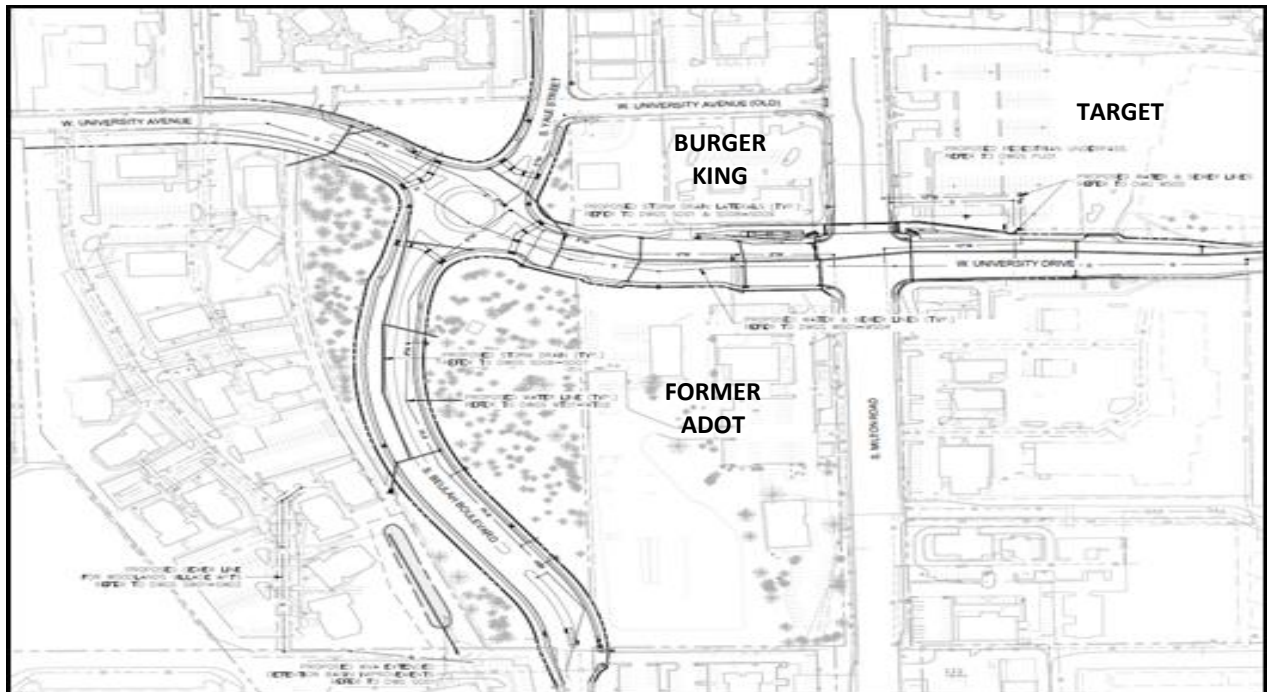
Beulah Boulevard Extension/University Drive Realignment (DESIGN PHASE)

FUND: TRANSPORTATION TAX (STREETS)

Description – This project extends the northern terminus of Beulah Boulevard to connect with University Drive. Furthermore, University Avenue (west of Milton) will be realigned to match up with University Drive (east of Milton). A new roundabout will be constructed where Beulah Boulevard and University Drive will intersect.

Project Update:

- City, in concert with Vintage Partners, are completing the final design of the roadway project. The engineering firm completing the design work is Shephard Wesnitzer, Inc. (SWI).
- Speedie and Associates, a geotechnical subconsultant, is working with ADOT and NAU to obtain the permitting to finish the geotechnical borings to investigate subsurface soil and rock conditions in strategic locations of proposed new infrastructure.
- SWI is responding and incorporating the comments from project stakeholders during the 30% design effort into current 60% design plans.
- Final engineering design work should be completed by end of calendar 2021.
- Preliminary partial property acquisition efforts are being further defined for parcels adjacent to this roadway improvement. These locations include Target, Sterling Point & University Square Apartments.
- Coordination efforts continue with Northern Arizona University (NAU owns University Drive east of Milton).



Extent map of new Beulah and University Realignment – taken from 30% plans.

Quiet Zone Modifications (Elimination of Wayside Horns) (PLANNING PHASE)

FUND: TRANSPORTATION TAX (STREET OPERATIONS)

Description – The City Council considered a citizen petition in July 2017 regarding the Quiet Zone and the sound level of the wayside horns on the eastside of town at the Steves and Fanning crossings. The wayside horns are operated by the City at both crossings and are an approved supplemental safety measure used in the absence of the train mounted horn. The other 3 crossings in Flagstaff that are a part of the Quiet Zone utilize One Way streets (Beaver and San Francisco) and a non-traversable median (Ponderosa Parkway) to satisfy the supplemental safety measure requirement for the Federal Railroad Administration’s requirements for Quiet Zones and therefore do not require wayside horns.

Project Update:

- In response to the petition we measured the sound levels and the aiming of the wayside horns. After the wayside horns were confirmed to follow all regulatory standards, the City moved on to pursue other supplemental safety measures to eliminate the wayside horns. Efforts by City staff are ongoing in working towards solutions in collaboration with BNSF, Arizona Corporation Commission-Railroad Safety Group, ADOT, and various roadway consultants.
- Staff prepared a CCR dated 11/20/2020 to update Council on the detail of these supplemental safety measures and what we hope to accomplish on the eastside of town.



Fanning Railroad Crossing

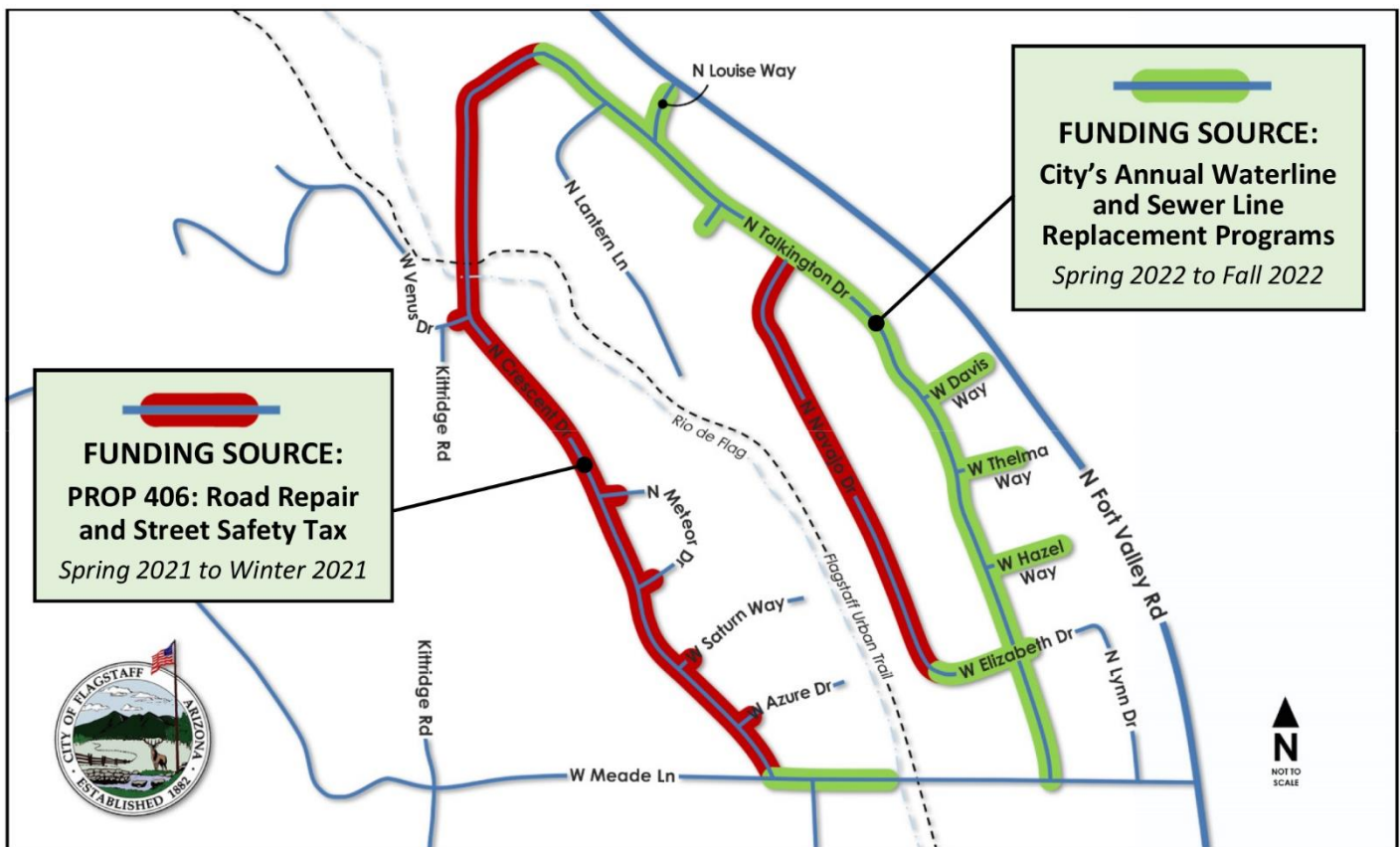
Coconino Estates Improvements Phase II (CONSTRUCTION PHASE)

FUND: ROAD REPAIR & STREET SAFETY & ANNUAL WATERLINE AND SEWER LINE REPLACEMENT PROGRAMS

Description - This is a utility and roadway improvements project located on several streets in the Coconino Estates neighborhood as seen in the map below. Improvements on the streets generally consist of replacing all existing utility and roadway infrastructure. The utility improvements include replacing the existing water and sewer mains, water and sewer services, fire hydrants, and manholes. The roadway improvements include replacing the existing asphalt roadway, replacing rolled curb with vertical curb, constructing driveway ramps at driveway entrances, and replacing select sidewalk only where it currently exists on Crescent Drive. Sidewalk will NOT be installed where it does not currently exist. For additional information visit the Project website at www.coconinoestates.com

Project Update:

- The Project is currently being advertised for bids from February 25 to March 26.
- May 4 is the targeted Council Meeting for the consideration of award of the construction contract.
- Construction is anticipated to start at the beginning of June.
- The City will not permit the successful contractor to utilize the same construction yard as is being used for the Coconino Estates Phase I project near Thorpe Park.



Coconino Estates Improvements Phase II Project Limits – Funding - Schedule Map

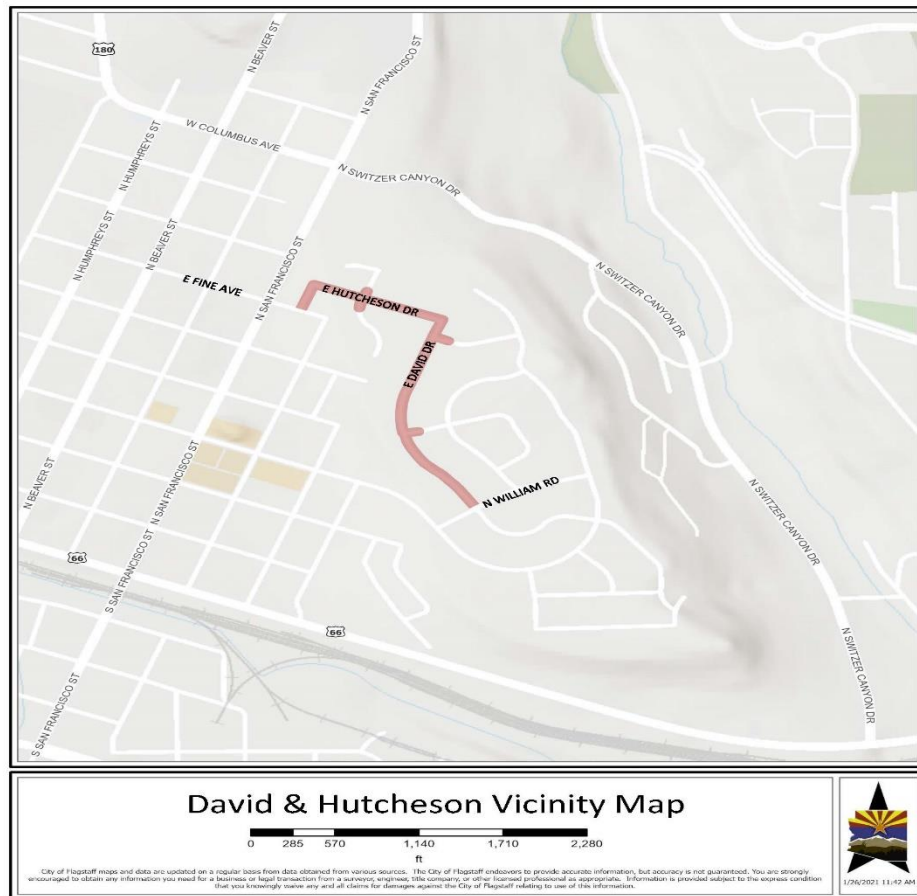
West Flag Improvements - David & Hutcheson (CONSTRUCTION PHASE)

FUND: ROAD REPAIR & STREET SAFETY

Description – This is a utility and roadway improvements project located on David Drive and Hutcheson Drive as seen in the map below. The Project originally included Canyon Terrace and was bid as one project in the spring of 2020 but was pulled at the end of the bidding process given the economic and funding source uncertainties due to the COVID 19 Pandemic. It was decided to split the Project into two separate projects consisting of 1. David/Hutcheson and 2. Canyon Terrace. Improvements on the streets generally consist of replacing all existing utility and roadway infrastructure. The utility improvements include replacing the existing water and sewer mains (except for on David Drive), water and sewer services, fire hydrants, and manholes. The roadway improvements include replacing the existing asphalt roadway, replacing rolled curb with vertical curb on David Drive, and replacing select edge improvements (sidewalk, curb and gutter, etc.).

Project Update:

- Bids have been received and Mountain High Excavating, LLC, has been identified as the lowest responsible and responsive Bidder.
- On March 2, 2021, City Council considered and awarded the Project.
- Construction is anticipated to start by the beginning of April.



West Flag Improvements - David & Hutcheson Project Vicinity Map

FUND: ROAD REPAIR & STREET SAFETY

Project Update:

-
- Canyon Terrace Vicinity Map**
- 0 140 280 560 840 1,120
ft
- City of Flagstaff maps and data are updated on a regular basis from data obtained from various sources. The City of Flagstaff endeavors to provide accurate information, but accuracy is not guaranteed. You are strongly encouraged to obtain any information you need for a business or legal transaction from a surveyor, engineer, title company, or other licensed professional as appropriate. Information is provided subject to the express condition that you knowingly waive any and all claims for damages against the City of Flagstaff relating to use of this information.
- 1/26/2021 11:55

West Flag Improvements - Canyon Terrace Project Vicinity Map

Coconino Estates Improvements Phase I (CONSTRUCTION PHASE)

FUND: ROAD REPAIR & STREET SAFETY

Description – This is a utility and roadway improvements project located in the Coconino Estates neighborhood on Beal Road from Rockridge to Fort Valley, Navajo Drive from Navajo Road to Murray, Whipple Road from Navajo Drive to McMillan, and Navajo Road from Navajo Drive to Fort Valley. Improvements on the streets generally consist of replacing existing infrastructure with new, including water and sewer mains, water and sewer services, fire hydrants, storm drains, streetlights, the entire asphalt roadway, and defective select edge improvements (curb & gutter, sidewalk, etc.), except for Whipple Road which will only receive a new water main. There will also be new infrastructure added consisting of underground electric lines for streetlighting and sidewalk on both sides of the street where it does not currently exist on Beal Road, Navajo Drive south of Beal, and on Navajo Road. For additional information visit the Project website at www.coconinoestates.com

Project Update:

Work continues through and during recent snow storms.

Navajo Road (Construction Zone #1)

- Majority of improvements are complete.
- Final signage, striping, and landscape restorations remain.
- Navajo Road is open to all traffic; however, temporary shoulder closures will occur as the remaining items of work occur.

Navajo Drive (Construction Zone #2)

- Sewer main, sewer services, electrical conduit, and streetlight installations are complete.
- Water main and services testing and swaps from old to new continue.
- Storm drain installations continue south of Beal.
- Concrete curb and gutter, driveway, and sidewalk installations will continue as weather allows.
- Navajo Drive from Hopi Drive to Beal Road is closed to thru traffic, with detours posted around the closure.

Beal Road (Construction Zone #3)

- Water and sewer main construction continues in the Beal/Navajo Drive intersection.
- Beal Road is closed to thru traffic from Aztec to McMillan, with detours posted around the closure.

Spruce Trees at 510 W. Beal Road

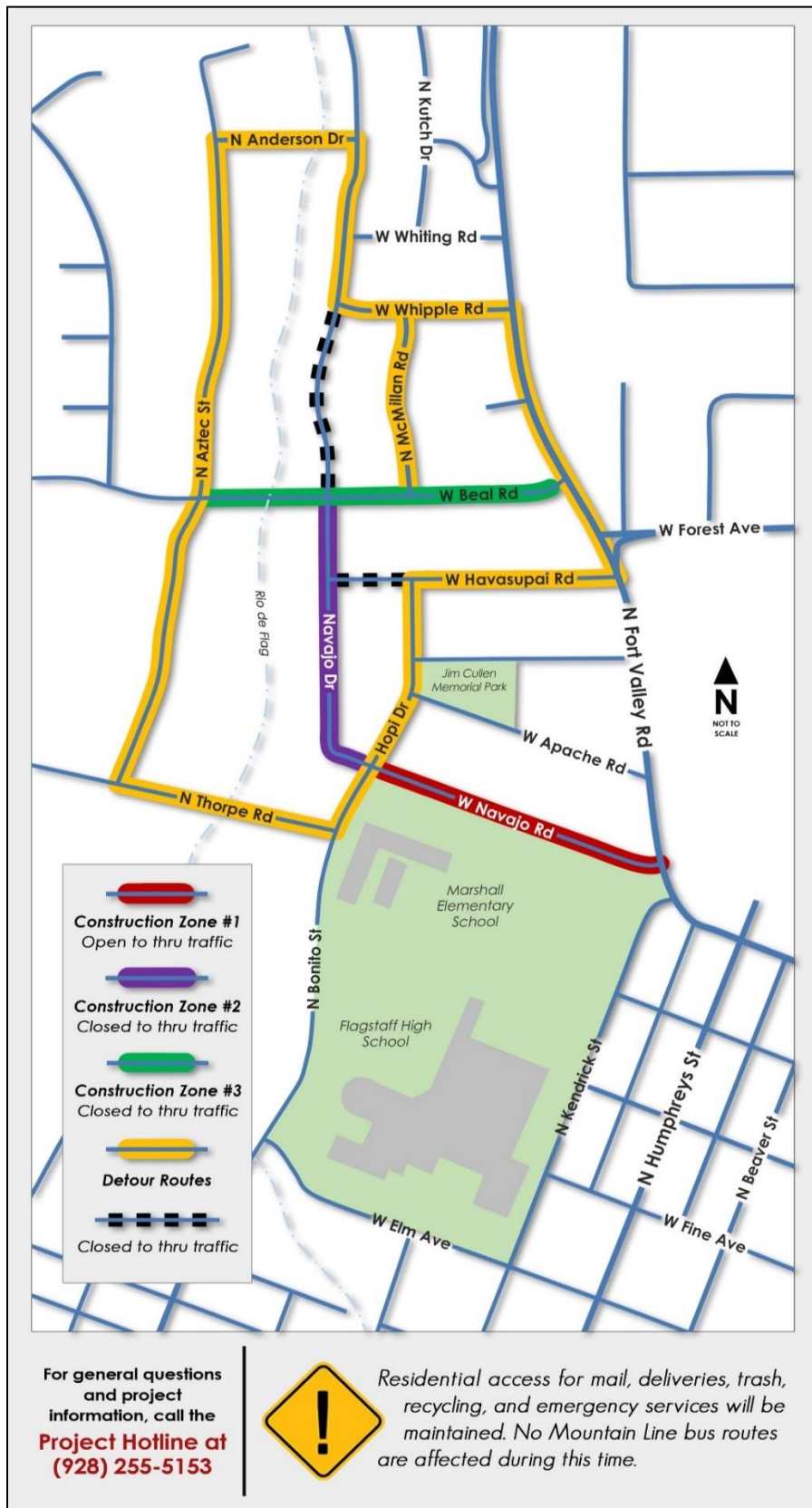
- The Citizen Petition that was submitted to Council at the January 19, 2021 Council Meeting to save the spruce trees in front of the 510 Beal Road property was not approved by Council to add the item to a future agenda for additional discussion and possible direction to City Staff.
- The 510 Beal Road property owner has been coordinated with and the easterly tree is scheduled to be removed in April. Results of an Arborist's investigation indicate the westerly tree may be saved and our best efforts will be made to work around and save the west tree during construction.



Navajo Dr./Navajo Rd. intersection looking north at the curb and sidewalk work on Navajo Dr.



Removing and replacing existing storm drain in Navajo Dr. south of Beal, looking west



Current road closures and detours

Fourth Street Reconstruction (CONSTRUCTION PHASE)

FUND: TRANSPORTATION TAX (RENEWED TAX)

Description – The project is on Fourth Street from the Soliere Avenue intersection, southerly to just past the Sparrow Avenue intersection. The work will construct a new pavement section with two northbound and two southbound lanes and a center turn lane, northbound dedicated right-turn lanes from Fourth Street onto Sparrow Ave. and onto Soliere Avenue, new streetlights, new traffic signals at Soliere Avenue, new 12" water main and new 8" water main, curb and gutter and new sidewalk. The reconstruction work will connect with the recently completed bridge replacement project.

Project Update:

- Existing asphalt pavement removed, processed, and re-used as roadway base material for new pavement.
- Significant bedrock encountered in trenching work, slowing progress.
- Curb and gutter installation underway.
- Waterline installation work is ongoing.
- Coordinating efforts to repair/replace Unisource gas lines and minimize further inconveniences to Summit Park Condominium's lone ingress/egress access driveway.



Fourth Street Reconstruction –Work continues

Lockett/Fourth Roundabout (DESIGN PHASE)

FUND: HSIP GRANT

Description – Project consists of the design and construction of a new roundabout at the Lockett-Cedar-Fourth Street intersection. Project is funded by an HSIP Grant, with supplementary funding from City of Flagstaff. Project design and construction to be administered by ADOT. The new roundabout will improve safety and operations for vehicles, pedestrians and bicyclists in this busy intersection.

Project Update :

- Project design and construction to be administered by ADOT.
- Early concepts were presented to the Bike Advisory and Ped Advisory Committees on January 14th.
- Concepts were presented to the Transportation Commission on February 3rd.
- A discussion of roundabout alternatives was held at the February 16th City Council meeting.
- The single roundabout alternative was supported and is being moved forward into design.



Selected Design Alternative- Lockett-Cedar-Fourth Intersection

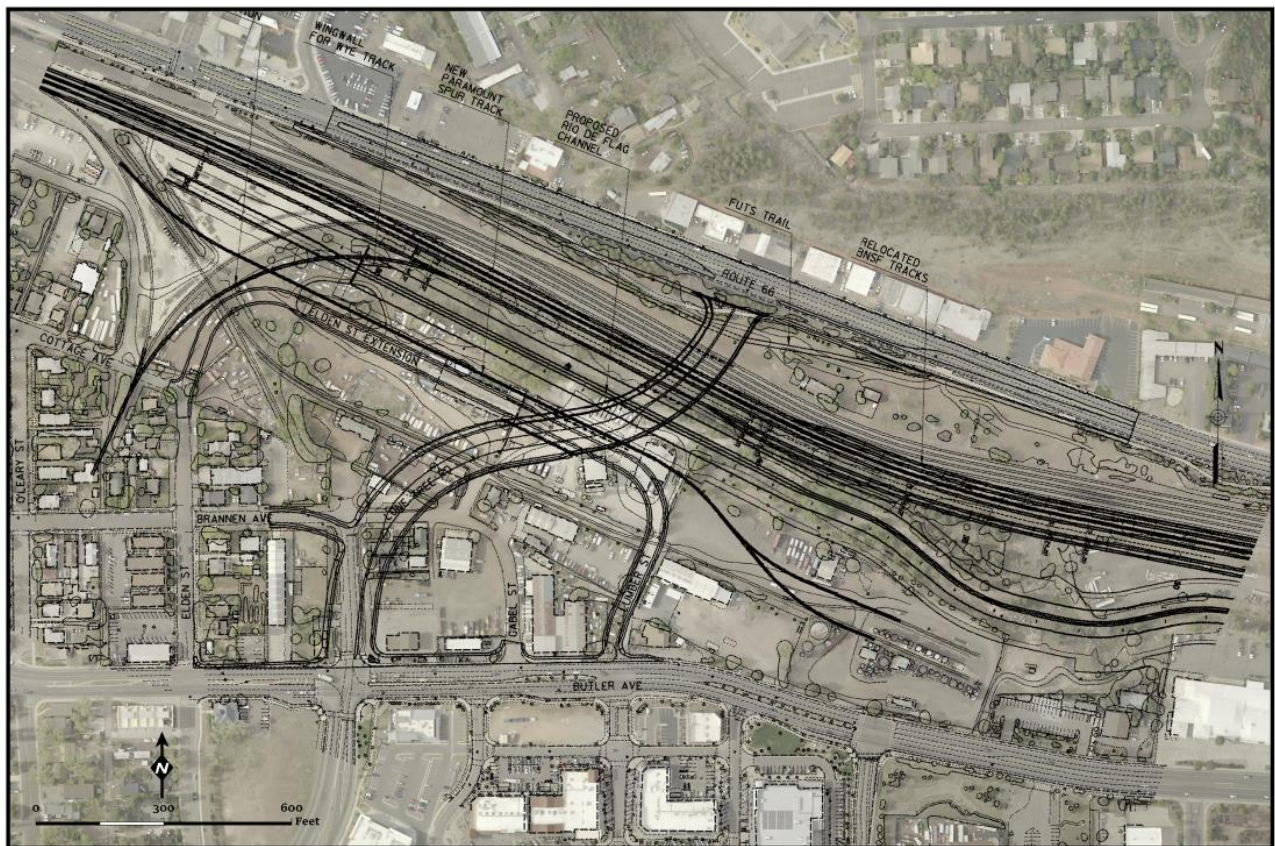
Lone Tree Overpass Project (Design Phase)

FUND: TRANSPORTATION

Description - The Lone Tree Overpass Project will provide a grade-separated crossing over the future Rio de Flag drainage and the BNSF Railway corridor from Butler Avenue to Route 66. Funding for this project is provided through voter approved bonds as designated in the 2018 Proposition 420.

Project Update:

- The Project Chartering and Kick-off Meeting was held on February 18. Participants included the Design-Build Team, City staff, and stakeholders including ADOT, Mountain Line, and the Southside Neighborhood Association.
- The Design-Build Team and City Staff held a kick-off meeting with BNSF Railway on February 24 to discuss design parameters, schedule, track relocations and construction phasing, bridge span arrangement, drainage, property needs, and the Construction and Maintenance Agreement schedule.
- BSNF and the City are developing the Preliminary Engineering Agreement, which is required to fund BNSF plan review of the project design documents. This contract will be presented to Council contingent on the cost.
- The designer is preparing to begin the Technical Working Group Meetings on March 24.



Lone Tree Overpass Concept Design

Library Entrance (DESIGN PHASE)

FUND: BBB - BEAUTIFICATION

Description – Project to bring Library Entrance into ADA compliance with new handicap ramp and new overall vision for the entrance. Public art will be incorporated into project and an artist is being brought onto the design team. Project includes upgrades to landscaping, handicap-accessible parking, parking lot, and hardscape.

Project Update:

- Artist contract was awarded at Dec. 1 City Council Meeting.
- WLB Group is working on conceptual plans for entrance.
- The Project Team presented updated concepts to the *Commission on Inclusion and Adaptive Living* on February 9th and 23rd.
- A project update and selected conceptual ramp design will be presented to the *Beautification and Public Art Commission* on March 8th.



Library Entrance Project-Existing Conditions

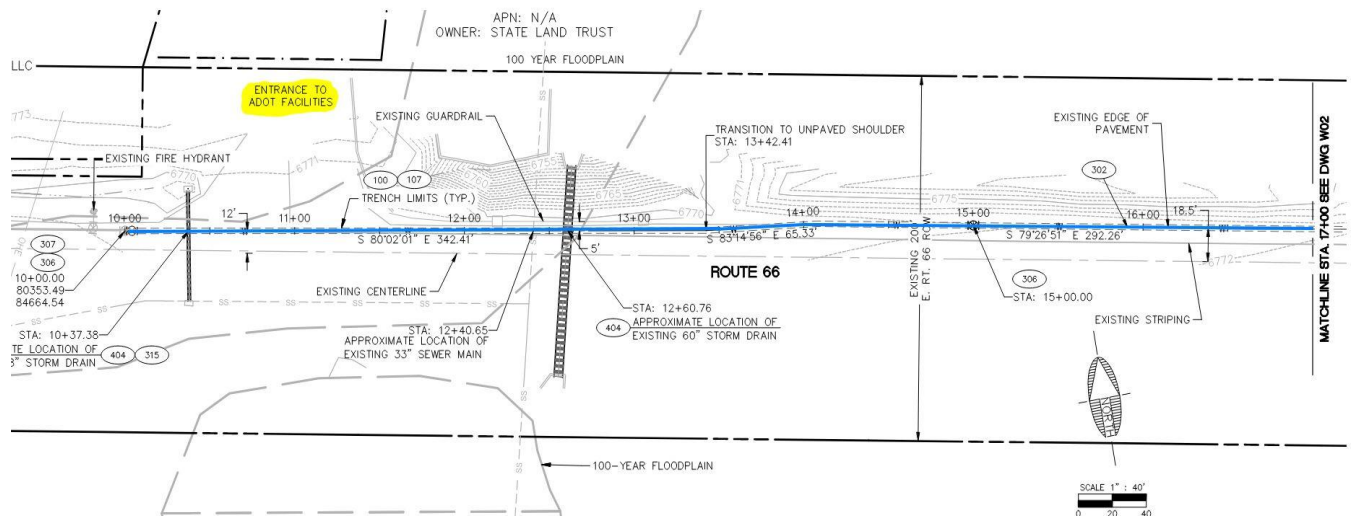
East Route 66 and El Paso Flagstaff Waterline Extension (DESIGN PHASE)

FUND: AGING INFRASTRUCTURE

Description – A utility improvements project that extends the 12" ductile iron waterline approximately 2,450 linear feet from approximately the intersection of Test Dr. and Rt. 66 to the intersection of El Paso Flagstaff Rd. The waterline extension continues north, up El Paso Flagstaff Road towards the Wildcat Hill Wastewater Treatment plant, with approximately 1,600 linear feet of new 8" ductile iron waterline. The project also calls for a repaving of El Paso Flagstaff Road for the extents of the waterline extension.

Project Update:

- A third round of review comments was sent back to the design consultant on 2/18.
- Capital Staff is working with the Real Estate Manager to secure easements on State land for the new waterline.
- Plans are being coordinated with the proposed Industrial Park to the east, a private development project, to allow them water access and to mitigate future pavement cuts into the new road.
- Tentative construction schedule is to construct the waterline extension along Rt. 66 and El Paso Flagstaff Road during spring of 2021 followed by the paving of El Paso Flagstaff Road in the summer of 2021.
- Staff continues to pursue property right approval from the State Land Trust where a portion of the new waterline would be constructed within a State Land parcel.



Current civil plan set in review, blue line represents the starting point of the waterline extension that begins just west of the ADOT facilities driveway and Rt 66 intersection.

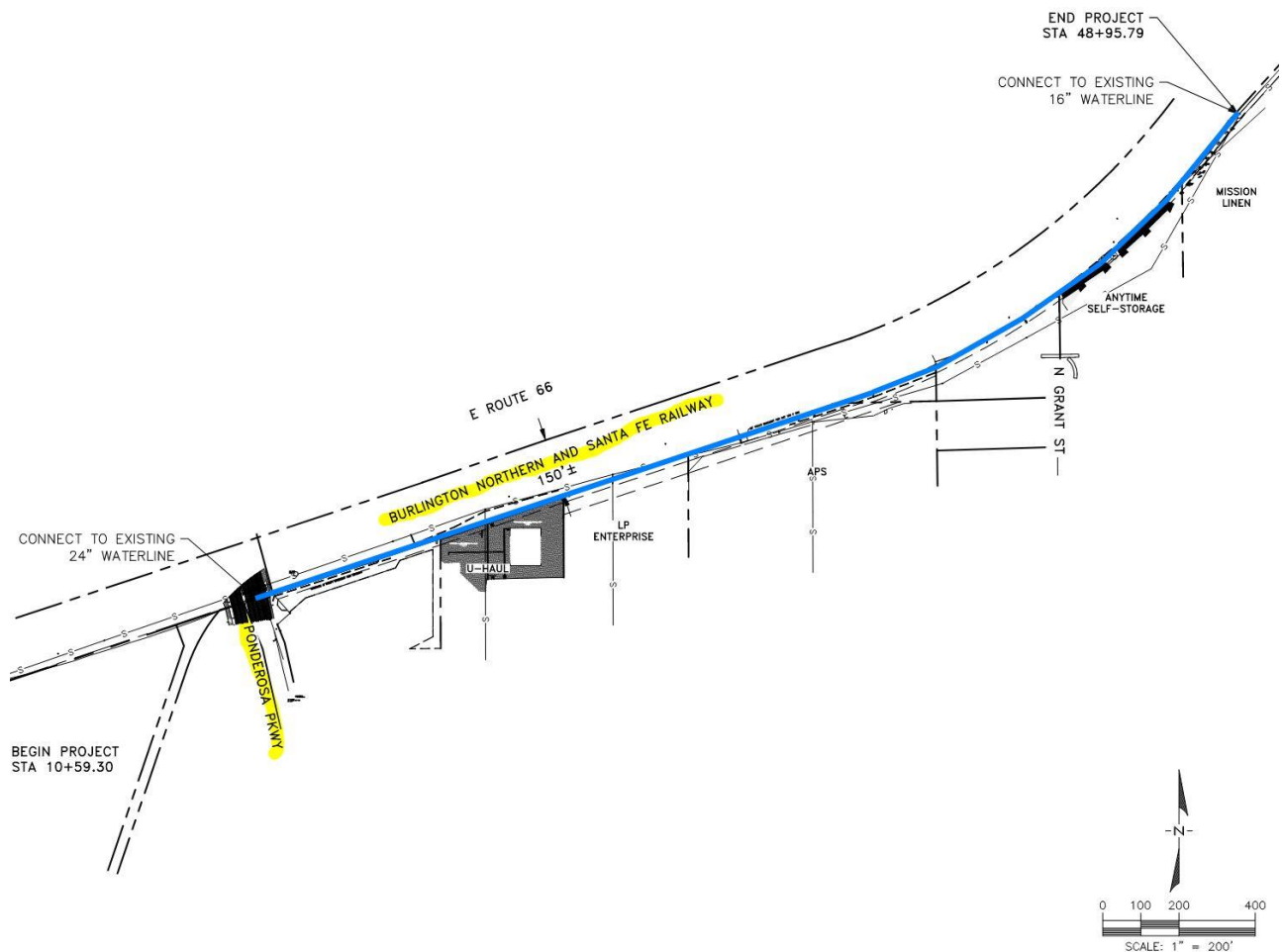
Huntington Waterline Replacement (CONSTRUCTION PHASE)

FUND: AGING INFRASTRUCTURE

Description - The Project consists of installing 3,000 LF of new 16" ductile iron waterline, and associated roadway improvements. Included in the project will be new water services, fire hydrants and air release valves. The existing waterline in this area is over 60 years old. This project is part of the City's ongoing aging water infrastructure replacement program.

Project Update:

- The consideration and approval of the construction contract has been added to Council's working calendar for April 20th
- A bid package has been advertised and will close March 16th
- Capital Staff is in the process of public outreach to help coordinate removal of materials that have been stored in the easement by businesses that border the project's boundaries.
- Current working schedule has a proposed start of construction in late May of 2021.



Vicinity Map of improvements, blue line represents the new 16" waterline

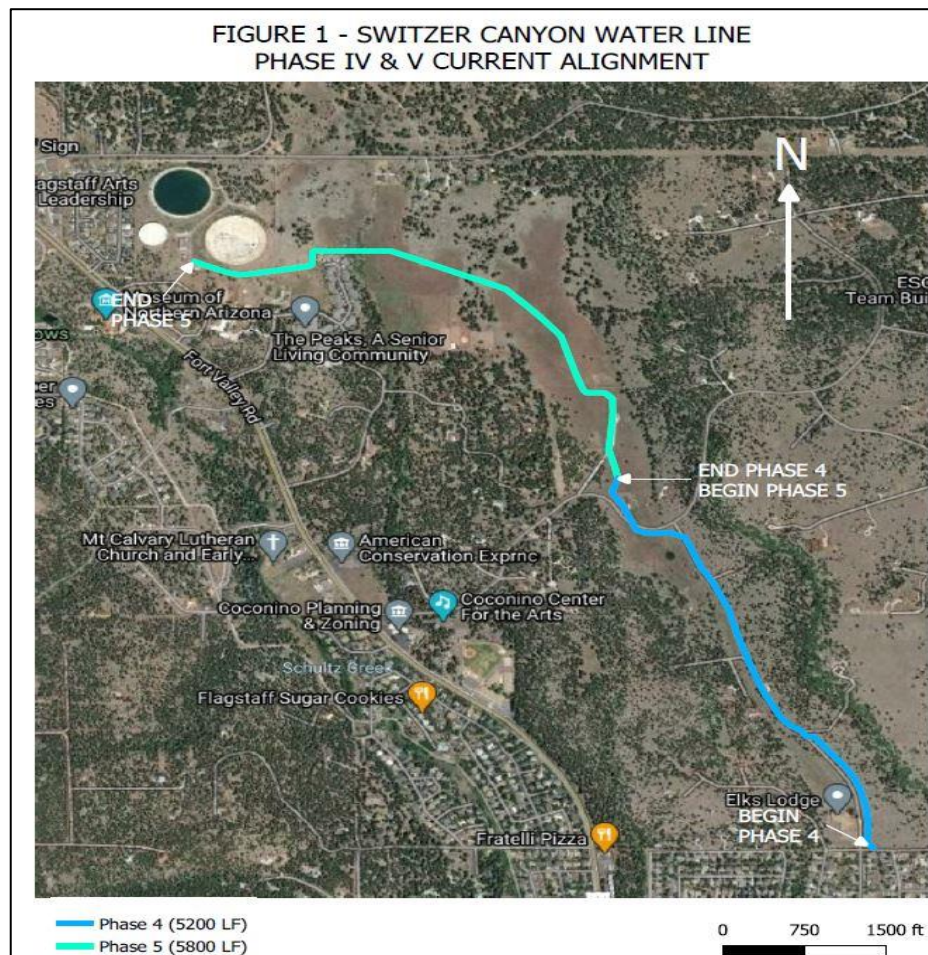
Switzer Canyon Transmission Main Phase IV & V (Design Phase)

FUND: AGING INFRASTRUCTURE

Description – The Project consist of installing two new transmission mains, 24” and 16”, that will complete the distribution system, zone A and B, from the Downtown area to the City Reservoirs near Cheshire. The length of Phase IV and V is approximately 11,000 feet. The project is within City limits and the urban distribution service area within the County. Included in the project will be the two water mains with appurtenances, new bundled water meter/service locations and fire hydrants.

Project Update:

- Property acquisition is underway with legal descriptions, environmental clearances and site assessments.
- Phase V is in the planning phase to define the final alignment.
- Construction of Phase IV is anticipated for 2021
- Construction of Phase V is anticipated for 2022
- Comments on the 90% level plans were transmitted to Turner Engineering for their action. Final construction plans are expected spring 2021.
- Staff anticipates presenting the out of City water services request to the City Council for approval on April 20, 2021.



Summit Waterline Replacement (CONSTRUCTION PHASE)

FUND: AGING INFRASTRUCTURE

Description - Approximately 3,300 ft of new waterline, water services, fire hydrants, and pavement reconstruction. The City intends to replace the water infrastructure and pavement on: S. Walnut Street from Santa Fe Avenue to Coconino Avenue; S. Sycamore Street from Santa Fe Avenue to Grand Canyon Avenue; S. Spring Street from Montvale Avenue to Grand Canyon Avenue; W. Summit Avenue from Santa Fe Avenue to end; and W. Santa Fe Avenue from Walnut Street to Thorpe Road. Waterline only will be installed on W. Montvale Avenue from Santa Fe Avenue, to end. The existing waterlines in this area range from 58 to more than 90 years old. This project is part of the City's ongoing aging water infrastructure replacement program.

Project Update:

- All underground work is now complete.
- Walnut St and Sycamore St have been paved, temporarily.
- Final pavement to be installed in Spring 2021.
- Project is in winter shutdown.



Summit Water Project-Trenches patched for winter

Phoenix Avenue Bridge and Waterline Replacement (DESIGN PHASE)

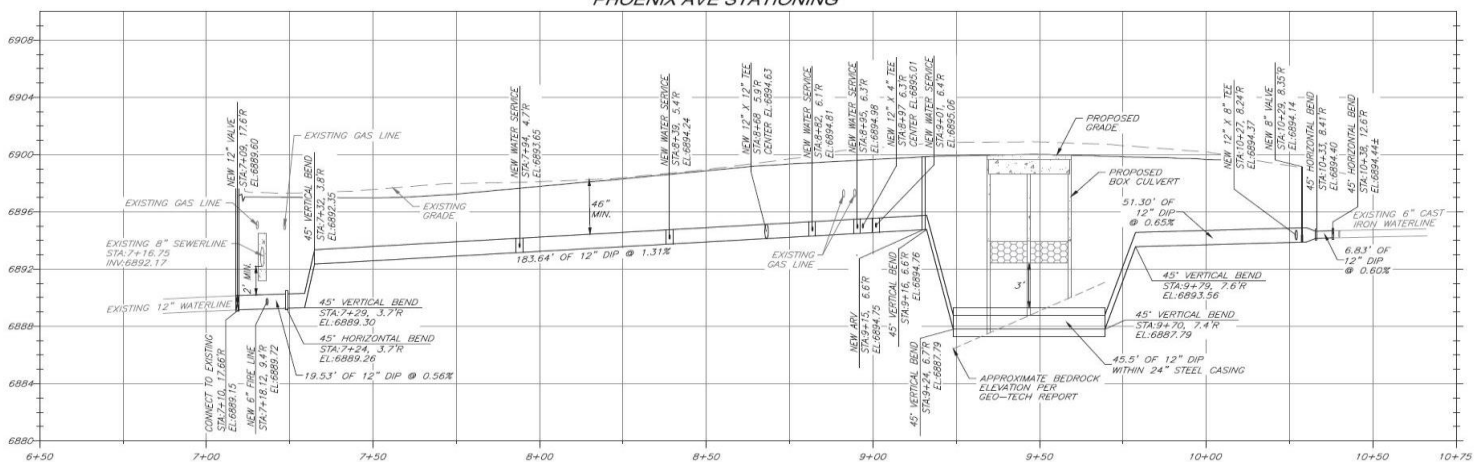
FUND: STORMWATER & AGING INFRASTRUCTURE

Description - The project will replace the Rio de Flag box culvert (which runs beneath Phoenix Avenue and the Zani building, and functions as the Phoenix Ave bridge) with the appropriate conveyance structure and will upsized the current waterline to a 12" waterline in Phoenix Avenue from Mikes Pike to Beaver Street. Phoenix Avenue will be reprofiled and lowered to achieve a standard street section, roadway surface drainage issues will be addressed, edge improvements will be made as needed and the roadway will be repaved. The existing waterline in this area is over 114 years old. This project is part of the City's ongoing aging water infrastructure replacement program.

Project Update:

- A second review of the Civil Plans has been completed with review comments being sent back to the consulting Design Engineer for modifications/revisions.
- The consideration and approval of the construction contract has been added to Council's working calendar for May 18th
- A Structural Engineer has been hired for a structural peer review of the structural plans and calculation for the bridge structure that serves the dual purpose of the stormwater box culvert.
- Capital Staff is currently coordinating with all businesses and property owners in the area that will be impacted by the project.
- The project schedule has a targeted advertisement for bids in mid-March and breaking ground at the beginning of June. Project duration is estimated at five months and will be completed by fall of 2021.
- The bridge is stable and listed in "fair" condition by ADOT as of today. The bridge could degrade to a condition of "poor" at any time, at which time ADOT would reduce the capacity of the bridge, restricting NAIPTA buses or possibly any vehicular traffic on Phoenix Ave. ADOT's next scheduled inspection of the bridge is in August 2021, however, ADOT could perform an inspection at any time.
- Staff looked at two temporary options to fix the bridge and the beam that supports Zani, neither provided significant cost savings. Due to the urgency and lack of structural integrity of the bridge and beam Staff decided to move forward with a full replacement using a similar size box culvert to convey current flows. A design using smaller culverts wouldn't be allowed at this time, current flow capacity cannot be reduced per FEMA regulation.

PHOENIX AVE STATIONING



Proposed cross-section of Phoenix Ave. showing new 12" DIP waterline and box culvert

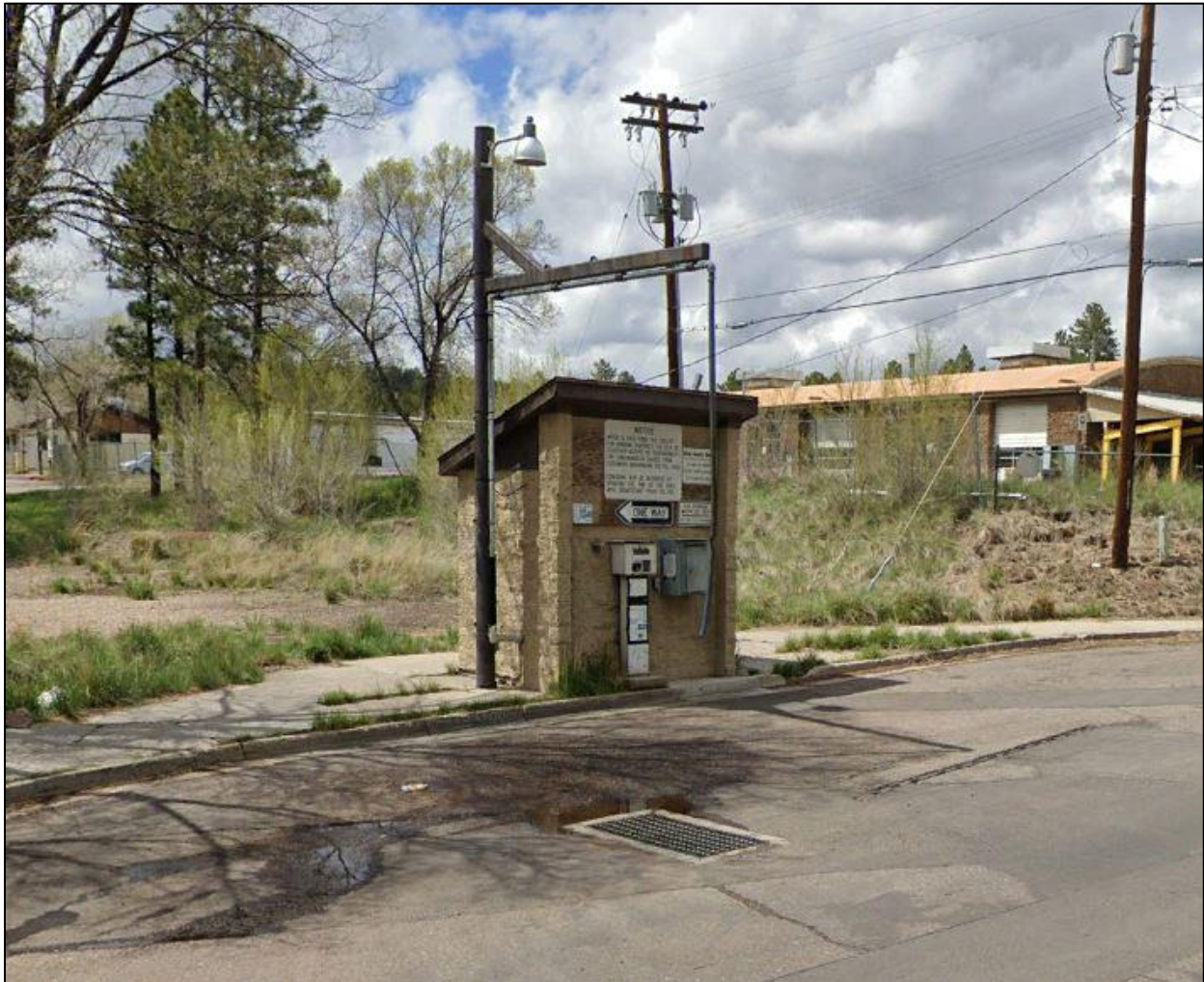
BONITO LOADOUT STATION REPLACEMENT (DESIGN PHASE)

FUND: WATER SERVICES

Description – Project consists of replacing the potable water loadout station located at 410 N. Bonito St.

Project Update:

- Capital Staff met with the design consultant on the week of 2/1 for a scoping kickoff meeting.
- Capital Staff is in talks with Community Investment to see if there is an opportunity to use beautification funds or to add an art installation at the new loadout station.
- Capital Staff met with Water Services and Customer Services at the Commerce loadout station at the beginning of the year to look at pros and cons of the station.



Existing potable water loadout station on Bonito St.

Rio de Flag Flood Control Project (Design Phase)

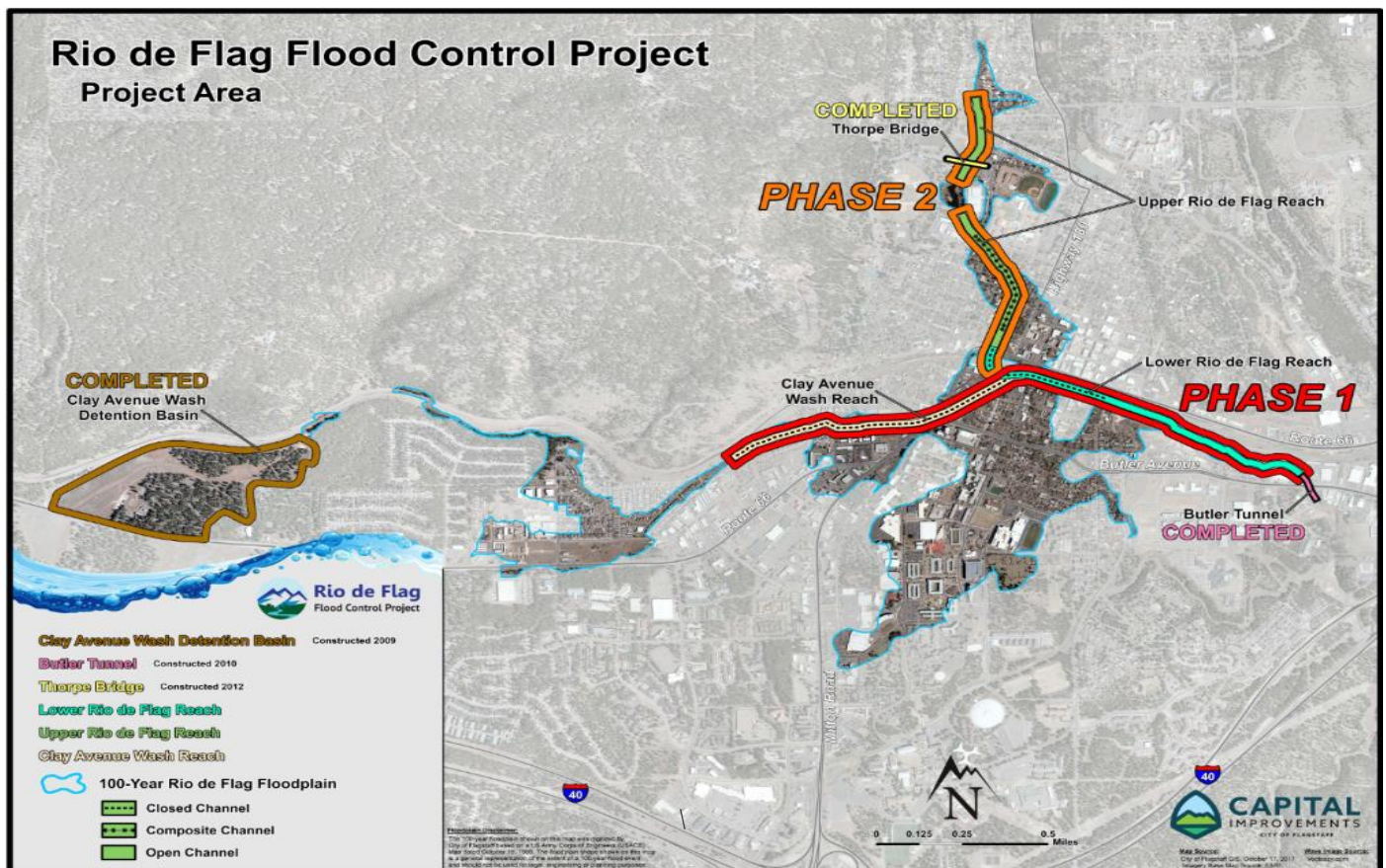
FUND: STORMWATER & AGING INFRASTRUCTURE

Purpose – The purpose of the Rio de Flag Flood Control Project is to remove the hazards associated with the hundred-year storm event, which include property damage, life safety concerns, and community economic impacts. From research conducted by the Army Corps, it was determined that a significant flood would damage approximately 1,500 structures valued at over \$916M and cause \$93M in economic damages, for a total impact of over \$1 Billion dollars.

Project improvements will provide:

- Reduction of flooding damage and safety hazards.
- Opportunity for Downtown and Southside redevelopment.
- Elimination of flood insurance requirements and restrictive floodplain management regulations.

Description - Design consists of channel improvements along both the Rio de Flag and Clay Avenue Wash channels through central Flagstaff and includes a combination of underground concrete box culverts, open channel, and composite channel. The composite channel section has both an underground culvert to carry large volumes of water and a smaller open channel on top, which will provide an aesthetic element of flowing surface water during rainfall events. Total project length is approximately 5,000 feet.



Rio de Flag Project Location Map

Current Status -

- **Design** - Work continues on the construction documents and design completion between the City's and Army Corps' consultants, including the channel crossing on ADOT right-of-way at the Milton Road and Butler Avenue intersection, utility relocations, and design of the project on BNSF Railway property. The City received a submittal of the updated composite channel design for the Upper Reach. This submittal is under review with City staff and will be placed on the website for public review and comment in the future.
- **Real Estate** - Real Estate documents (legal descriptions, encumbrance maps, and utility easements) are currently being developed for property acquisition.
- **Public Involvement** - Several public involvement items have been created and posted to the project website, including:
 - o Photo simulations and video for the Flood Wall, Composite Channel, Open Channel (Clay Wash) and Open Channel (Lower Reach).
 - o A virtual meeting room that has project exhibits and information.
 - o A Southside Community Interview video.
 - o The link and web address for the Rio de Flag Public Information page is <https://www.flagstaff.az.gov/4189/Rio-De-Flag-Flood-Control>.
- **BNSF Railway** - The City received further details on the project mitigation measures on January 19, which are currently being evaluated.



Upper Reach Composite Channel Concept

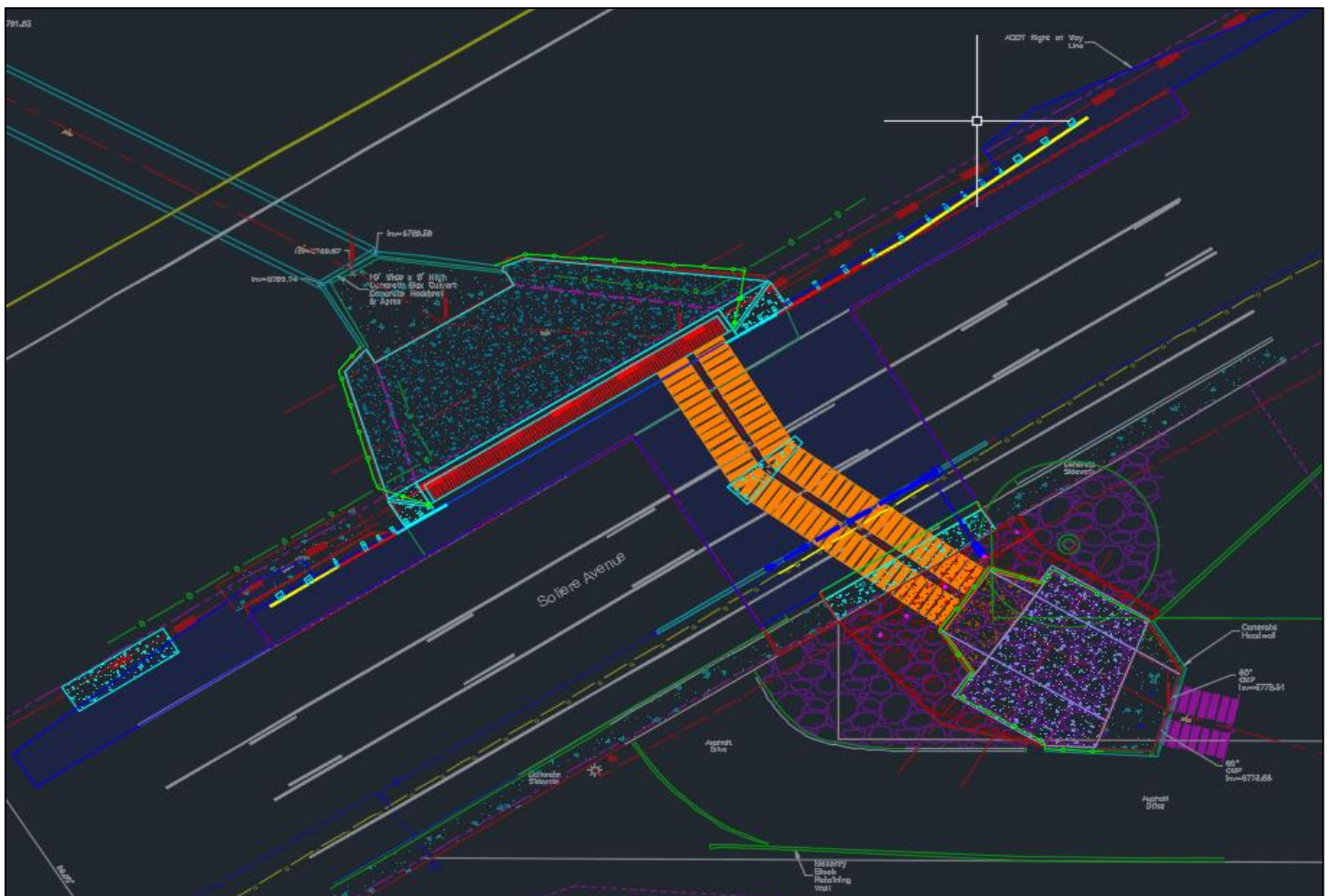
Steves Boulevard Wash at Soliere (DESIGN PHASE)

FUND: STORMWATER

Description – This is a stormwater improvements project to eliminate the low water crossing from Steves Boulevard Wash at Soliere Avenue.

Project Update:

- A 90% plan submittal was made on 2/16 and has been routed for review.
- Plans have been submitted to ADOT for an Encroachment Permit for the portion of the improvements that are within their right-of-way.
- Capital Staff is coordinating with NAIPTA to relocate the existing bus stop that will be in conflict with the new guardrail on the north side of Soliere Ave.
- The Summit Apartments that border the project limits and are just downstream have been notified of the project and the intent of the improvements.
- Construction is targeted for June



90% civil construction plans in progress.

Wildcat Hill Wastewater Treatment Plant (WHWTP) Digester Complex (DESIGN PHASE)

FUND: WATER SERVICES-SEWER

Description – Project includes the design and construction of two 60-ft concrete anaerobic digesters with a digester control building and gas handling system. The digester control building would include new boilers, heat exchangers, digested sludge pumps, and other appurtenances to support the increased capacity of the new digester facilities. The Wildcat Hill WTP treats residual solids from both the Rio De Flag and Wildcat facilities. These new digesters will increase solids treatment train capacity to accommodate the solids produced from the treatment at both facilities.

Project Update:

- Capital Staff has compiled a RSOQ document for advertising that has been sent to our Purchasing Division. Purchasing will be advertising the RSOQ in March 2021.
- Delivery method will be a Design-Bid-Build.
- Design is targeted for 2021 and construction is anticipated for 2022-2023.



Existing Wildcat Plant, red circles represent proposed location of the two new digesters

Route 66 ADOT Bridge Replacement Project (CONSTRUCTION PHASE)

FUND: ARIZONA DEPARTMENT OF TRANSPORTATION

Description – Project consists of removing the existing concrete bridge that crosses the Rio de Flag channel and replacing with a precast box girder bridge with precast abutments. Included with the project are roadway approach slabs on either side of the new bridge, channel improvements with bank protection and revegetation mitigation measures. The purpose is to provide a new Route 66 bridge crossing at the Rio de Flag to serve Route 66/Milton.

Project Update:

- The ADOT contractor, FNF Construction, is contracted to complete the work by October 2021.
- Traffic Control, lane closures and detours are in affect when construction is in progress.
- The contractor has completed all the wing walls with backfill.
- The is contractor is preparing to form bridge abutments and placement of rebar reinforcement.
- The contractor will prepapre a concrete waste slab within their temporary construction easement to begin production of bridge precast elements.
- ADOT and the City proposed an amendment to the original IGA. The City council considered and approved the amendment. The amendment covered portland cement concrete pavement work added to the ADOT Bridge Project.
- ADOT continues to update City staff on construction matters and will release information to the public through media releases.
- The contractor will implement a temporary lane closure of EB or WB Route 66 during work operations as necessary. ADOT will be monitoring the traffic and will make alterations to increase traffic flow if needed.



Concrete waste slab within ADOT's Bridge Project temporary construction easement area